	Туре	Hits	Search Text	DBs	Time Stamp	Comments
	-12					
1			predict\$3 with electric	US-PGPUB; USPAT; EPO;	2004/12/07	
۲	BRS	H	dwn		12:54	
				US-PGPUB;		
<u>J</u>	ממט	1073	electric with submersible	USPAT; EPO;	2004/12/06	
1			with pump	JPO; DERWENT;	16:33	
				בטויו בטט		
ω	BRS	Ъ	"6401056".PN.	USPAT; USOCR	12:22	
4	BRS	1	"6349268".PN.	USPAT; USOCR	2004/12/06	
					000000000000000000000000000000000000000	
U	BRS	P	"5608845".PN.	USPAT; USOCR	2004/12/06 12:23	
O	BRS	H	"5251144".PN.	USPAT; USOCR	2004/12/06 12:23	
7	BRS	_	"5239486" PN	IISPAT: IISOCR	2004/12/06	-
,		1	•		12:24	
00	BRS	Ъ-	"5210704".PN.	USPAT; USOCR	2004/12/06	
				1	12:24	
				US-PGPUB;		
Δ	מממ	\	with	USPAT; EPO;	2004/12/06	
		H	submersible with pump	JPO; DERWENT;	12:28	
				IBM TDB		

ė

	Туре	Hits	Search Text	DBs	Time Stamp	Comments
10	BRS	0	model\$3 with traning and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 12:43	
11	BRS	0	network with model\$3 and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 12:44	
12	BRS	8	model\$3 and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 12:44	
13	BRS	17	network and model\$3 and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 12:47	
14	BRS	11	network and model\$3 and (predict\$3 or evaluat\$3 or validat\$3) and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 12:49	
15	BRS	0	train\$3 with network and model\$3 and (predict\$3 or evaluat\$3 or validat\$3) and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 12:50	

21

20

19

18

17

16

	Туре	Hits	Search Text	DBs	Time Stamp	Comments
22	BRS	930	340/679,680.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2004/12/06 12:58	
23	BRS	283	703/9,10.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 12:58	
24	BRS	121	706/904.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 13:28	
25	BRS	٠٠: شاهعة	neural with network with model with computer with communicat\$3 with train\$3 with (data or information)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 13:25	
26	BRS	·	neural with network with model\$1 and computer with communicat\$3 with train\$3 with (data or information)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 14:15	_
27	BRS	1322	706/15,23,25,904.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 16:18	•
28	BRS	1	"6119111".PN.	USPAT; USOCR	2004/12/06 13:29	

29	Type BRS	Hits	Search Text "5987399".PN.	US:	DBs USPAT; USOCR
.	BRS	,	"5586221".PN.	USPAT; USOCR	2004/12/06 13:29
31	BRS	Ъ	"5479571".PN.	USPAT; USOCR	2004/12/06 13:29
32	BRS	Ъ	"5059127".PN.	USPAT; USOCR	2004/12/06 13:30
33	BRS	-	"4975975".PN.	USPAT; USOCR	2004/12/06 13:30
34	BRS	1	"4136340".PN.	USPAT; USOCR	2004/12/06 13:30
35	BRS	1	"5355324".PN.	USPAT; USOCR	2004/12/06 13:30
36	BRS	0	neural with electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT;	2004/12/06 13:32
37	BRS	2	(evaluat\$3 or vaidat\$3 or predict\$3) with electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 15:30
3 8	BRS	2	(evaluat\$3 or vaidat\$3 or predict\$3) with electric with downhole with pump	US-PGPUB; JPO; DERWENT; JBM_TDB	2004/12/06 13:38

. 4 . 4	43	42	41	40	39	
BRS	BRS	BRS	BRS	BRS	BRS	Туре
0	4	1984	4	1	90	Hits
neural with network with model\$1 and computer with communicat\$3 and train\$3 with (data or information) with predetermined with characteristic	model\$3 with electric with submersible with pump	706/15,23,25,900-904.ccls.	(evaluat\$3 or vaidat\$3 or predict\$3) with electric\$4 with pump and neural with network\$1	(evaluat\$3 or vaidat\$3 or predict\$3) with electric with pump and neural with network	(evaluat\$3 or vaidat\$3 or predict\$3) with electric with pump	Search Text
US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	DBs
2004/12/06 14:15	2004/12/07 13:56	2004/12/06 14:04	2004/12/06 13:39	2004/12/06 13:39	2004/12/06	Time Stamp
						Comments

	Туре	Hits	Search Text	DBs	Time Stamp	Comments
υ U	BRS	0	neural with network with model\$1 and computer with communicat\$3 and train\$3 with predetermined with characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 14:16	
46	BRS	34	neural with network with model\$1 and computer with communicat\$3 and train\$3 with predetermined	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 14:16	
47	BRS	0	neural with network with model\$1 and computer with communicat\$3 and train\$3 with predetermined with character\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 15:39	
4 8	BRS	0	neural with network with model\$1 with communicat\$3 with computer and train\$3 with measur\$3 with measur\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 14:18	
49	BRS	Ν	neural with network with communicat\$3 with computer and train\$3 with measur\$3 with model\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 14:18	

	Туре	Hits	Search Text	DBs	Time Stamp	Comments
50	BRS	0	(predetermined or preset\$4 or threshold\$1 or desired or reference\$1) with character\$5 with electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 15:32	
51	BRS	19		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 15:35	
52	BRS	O	character\$5 with electric with submersible with pump with application\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 15:35	
<u>ა</u>	BRS	37	electric with submersible with pump with application\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 15:35	
5 4	BRS	1	neural with network with predict\$3 with model\$1 and computer with communicat\$3 with train\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 15:48	
55	BRS	1	"6112126".PN.	USPAT; USOCR	2004/12/06 15:41	
56	BRS	1	"6085183".PN.	USPAT; USOCR	2004/12/06 15:41	
57	BRS	1	"6038486".PN.	USPAT; USOCR	2004/12/06 15:42	

	Туре	HICS	Search Text	DBs	Time Stamp
м 8	BRS	1	"5826060".PN.	USPAT; USOCR	2004/12/06 15:42
Б Б	BRS	1	"5740686".PN.	USPAT; USOCR	2004/12/06 15:42
П 09	BRS		"5740686".PN.	USPAT; USOCR	2004/12/06
61 H	BRS	1	"5691895".PN.	USPAT; USOCR	2004/12/06
62 E	BRS	1	"5521814".PN.	USPAT; USOCR	2004/12/06 15:43
63 H	BRS	μ'	"5513097".PN.	USPAT; USOCR	2004/12/06 15:43
6 4 B	BRS :	1	"5418710".PN.	USPAT; USOCR	2004/12/06 15:44
E 59	BRS :	1	"4975865".PN.	USPAT; USOCR	2004/12/06 15:45
ਜ 99	BRS	1	"4807108".PN.	USPAT; USOCR	2004/12/06 15:45
67 B	BRS , 1	1	"4783998".PN.	USPAT; USOCR	2004/12/06 15:46
ਜ਼ 89	BRS :	1	"4152760".PN.	USPAT; USOCR	2004/12/06 15:46
В В	BRS '	468	neural with network with predict\$3 with model\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 15:48

	Туре	Hits	Search Text	DBs	Time Stamp
70	BRS	134	neural with network with predict\$3 with model\$1 with train\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 15:49
71	BRS	4	neural with network with predict\$3 with model\$1 with train\$3 with measured	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 15:51
72	BRS	52	neural with network with computer\$1 and train\$3 with measured with (data or information) and neural with network with model\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 15:56
73	BRS	3	neural with network with computer\$1 with communicat\$3 and train\$3 with measured with (data or information)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 16:01
74	BRS	0	(neural with network with computer\$1 with communicat\$3 and train\$3 with measured).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 16:02
75	BRS	0	(neural with network and computer\$1 with communicat\$3 and train\$3 with measured).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 16:02

	Туре	Hits	Search Text	DBs	Time Stamp	Comments
76	BRS	424	(neural with network with model\$1).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 16:03	
77	BRS	66	(neural with network with model\$1 with computer).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 16:03	
78	BRS	16	(neural with network with model\$1 with computer with train\$3).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 16:03	
79	BRS	1904	700/104- 109,110,175,177.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 16:22	
80	BRS	4035	709/217,218.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 16:18	
81	BRS	1422	706/15,23,25,903,904,912.c	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 16:20	

	Туре	Hits	Search Text	DBs	Time Stamp	Comments
8 2	BRS	4034	700/28,29,104- 109,110,175,177.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 16:22	
83	IS&R	2	("5673368").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06	
84	BRS	0	electric with submersible with pump and neural with network	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 16:34	
85	BRS	1	electric\$4 with submersible with pump and neural with network	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 16:34	
8	BRS	3811	702/6,9,33-36,81-84,113- 115,122,123,188.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/06 16:40	
87	BRS	886	initial with neural with network	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 08:13	

	Туре	Hits	Search Text	SEC	Time
88	BRS	8 3	initial with neural with network with model	US-PGPUB; USPAT; EPO JPO; DERWE IBM_TDB	PUB; ; EPO; 2004/12/07 DERWENT; 08:14 DB
89	BRS	22	initial with neural with network with model with (train\$3 or histor\$6)	US-PGPUB; USPAT; EPO; UPO; DERWENT;	;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;
90	BRS	Ъ	(initial with neural with network with model with (train\$3 or histor\$6)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	3; EPO; 2004/ RWENT; 08:21
91	BRS	101	(neural with network with model\$1 with (train\$3 or histor\$6)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	JB; EPO; 2004/ ERWENT; 08:22
92	BRS	98	(neural with network with model\$1 with train\$3).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	JB; EPO; 2004/12/07 ERWENT; 08:22
93	BRS	28	("703"/\$.ccls. or "704"/\$.ccls. or "700"/\$.ccls.) and (neural with network with model\$1 with train\$3).clm.	US-PGPUB; USPAT; EPO JPO; DERWEI IBM_TDB	PUB; '; EPO; 2004/12/07 DERWENT; 08:27

				F	J	
	Туре	Hits	Search Text	DBs	Time Stamp	Comments
1				US-PGPUB; USPAT; EPO;	2004/12/07	
100	BRS	N	with network with model\$1 and train\$3 with measured	USPAT; EPO; JPO; DERWENT;	2004/12/07 08:50	
				IBM_TDB		
		,	information\$1)			i
			computer with memory with	us-pgpub;		
		1		USPAT; EPO;	2004/12/07	
-	ל ל	Ü	1-1	JPO; DERWENT;	08:53	
				IBM_TDB		
			"702"/\$.ccls. and (model\$1	US-PGPUB;		
102	BRS	60		CORAL; ERC;	00.57	
			network).clm.	IBM_TDB	14 C	
			"702"/\$.ccls. and (model\$1		20/61/006	
103	BRS	37	with neural with	USPAT	00.06	
			network).clm.			
-			"702"/\$.ccls. and well		2004/12/07	
104	BRS	0	with logging with tool	USPAT	30.06	
			with pump\$3			
			ogging with	וומסאים	2004/12/07	
F 0	סאט	1	3	OBEAL	09:13	
106	BRS	41		TAGRI	2004/12/07	
l		7 7	pump\$3	5	09:13	
107	RB C	Δ	well with logging with	TAGET	2004/12/07	
		H	submersible with pump\$3	0	09:16	

	Туре	Hits	Search Text	DBs	Time Stamp	Comments
108	BRS	4	<pre>(well-logging or (well with logging)) with submersible with pump\$3</pre>	USPAT	2004/12/07 10:02	
109	IS&R	2	("6012045").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 10:10	
110	BRS	3	characteristics with electric with submersible	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 10:13	
111	BRS	9	predetermined with characteristics and electric with submersible	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 10:16	
112	BRS	10	(predefined or predetermined) with characteristics and electric with submersible	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 10:18	
113	BRS	1	(predefined or predetermined) with characteristics and electric with submersible not \$131	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 10:18	

	Туре	Hits	Search Text	DBs	Time Stamp
114	IS&R	N	("6585041").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07
115	BRS	4	predict\$3 with model\$1 and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07
116	BRS	863	166/250.01	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 F; 12:42
117 BRS	BRS	N	166/250.01.ccls. and neural with network and pump	US-PGPUB; USPAT; EPO; JPO; DERWEN IBM_TDB	; 2004/12/07 NT; 12:44
118	BRS	10	166/250.01.ccls. and neural with network	US-PGPUB; USPAT; EPO; JPO; DERWEN	; 2004/12/07 NT; 12:47
119	BRS	ω	166/250.01.ccls. and neural with network with training	US-PGPUB; USPAT; EPO JPO; DERWE IBM TDB); 2004/12/07 NT; 12:45

ㅂ	Type	Hits	Search Text	DBs	Time Stamp
120 B	BRS	v	"166"/\$.ccls. and neural with network with training	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07
121 B.	BRS 2	2	"166"/\$.ccls. and neural with network with training and predict\$3 with model\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 12:49
122 В	BRS	0	neural with network and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07
123 B	BRS	0	model\$3 adj electric adj submersible adj pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 13:56
124 B	BRS	0	model\$3 adj electric adj submersible	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 13:56
125 B	BRS	7	model\$3 with electric with submersible	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07

	Туре	Hits	Search Text	DBs	Time Stamp	Comments
126	BRS	0	model\$3 with neural with network and electric with submersible	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 13:59	
127	BRS	7	model\$3 with neural with network and well with logging with tool	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 14:56	
128	BRS	2	"20030121656"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 15:04	
129	BRS	3	"6704689"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 15:05	
130	IS&R	2	("6529780").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 15:06	
131	IS&R	2	("6353815").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 15:16	

	Туре	Hits	Search Text	DBs	Time Stamp	Comments
132	IS&R	2	("6305216").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 15:22	
133	IS&R	2	("5919267").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT;	2004/12/07 15:27	
134	BRS	0	articifical adj neural adj network	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 15:29	
135	BRS	1	articifical adj neural adj network\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 15:28	
136	BRS	290	(articifical or adapt\$3) adj neural adj network\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 15:28	
137	BRS	0 ,	articifical with adapt\$3 with neural with network\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 15:29	

	Туре	Hits	Search Text	DBs	Time
138	BRS	0	articifical and adapt\$3 with neural with network\$1	US-PGPUB; USPAT; EPO JPO; DERWE IBM_TDB	UB; EPO; ERWENT;
139	BRS	23	artifical adj neural adj network	US-PGPUB; USPAT; EPO JPO; DERWE	PUB; ; EPO; 2004/12/07 DERWENT; 15:29
140	BRS	2	artifical adj neural adj network with adapt\$3	US-PGPUB; USPAT; EPO JPO; DERWE IBM_TDB	PUB; ; EPO; 2004/12/07 DERWENT; 15:30 DB
141	BRS	7	artifical adj neural adj network and adapt\$3 with neural	US-PGPUB; USPAT; EPO JPO; DERWE IBM_TDB	PUB; ; EPO; 2004/12/07 DERWENT; 15:31 DB
142	BRS	N	artifical adj neural adj network same adapt\$3 with neural	US-PGPUB; USPAT; EPO JPO; DERWE IBM_TDB	PUB; ; EPO; 2004/12/07 DERWENT; 15:39 DB
143	BRS	N	artifical with neural with network same adapt\$3 with neural with network	US-PGPUB; USPAT; EPO JPO; DERWE IBM_TDB	PUB; ; EPO; 2004/12/07 DERWENT; 15:40 DB

	Туре	Hits	Search Text	DBs	Time Stamp	Comments
144	BRS	0	dapt\$3 adj neural adj network	US-PGPUB; USPAT; EPO; JPO; DERWENT; TRM TDR	2004/12/07 15:41	
145	BRS	203	u adapt\$3 adj neural adj network	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 15:43	,
146	BRS		artificial with adapt\$3 [adj neural adj network [1]	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 15:44	
147	BRS	2	artificial with adapt\$4 adj neural adj network I	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/12/07 15:44	
148	BRS	181	artificial with adapt\$4	US-PGPUB; JPO; DERWENT; JBM_TDB	2004/12/07 15:45	